

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☒ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-073669
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR J.M. Huber Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 1900 Wilco building, Midland, Texas 79701		8. FARM OR LEASE NAME Lone Star Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660' FNAE Lines Section 20-8S-36E At proposed prod. zone Same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4 miles East/Southeast Milnesand		10. FIELD AND POOL, OR WILDCAT Wildcat (South Prairie)
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'	16. NO. OF ACRES IN LEASE 40	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 20-8S-36E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None	19. PROPOSED DEPTH 12,800'	12. COUNTY OR PARISH Roosevelt
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4121.4' GR		13. STATE New Mexico
20. ROTARY OR CABLE TOOLS Rotary		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
22. APPROX. DATE WORK WILL START* June 1, 1968		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6-1/8"	4-1/2" or 5"	11.6 or 15	9500'-12,800'	Circulate liner

This well was originally drilled by Lone Star Producing Company as the Federal N.M. "C" No. 1 well in December 1960 and 1961. They drilled 17-1/2" hole to 433'. Set 13-3/8" casing at 427', cemented with 400 sx. Cement circulated. Drilled 12-1/4" hole to 4335'. Set 9-5/8" casing at 4335', cemented with 2390 sx. Cement circulated. Drilled 8-3/4" hole to 9695'. Set 7" casing at 9695'. Top cement 7780'. Original completion 2/3/61 was from Bough "C" at 9642-58'. This zone was squeezed off 2/1/67 with 75 sx. It was then completed in the San Andres around 4900'. Present perforations open are 4884-4906' and 4927-4935'. Proposed deepening program is as follows: Set packer and squeeze off open perforations with cement. Drill out to 5300'. Pressure test all San Andres perforations. If necessary, re-squeeze. If pressure holds OK, clean out to 9675'. Pressure test all of csg. If necessary, squeeze. If OK, proceed & drill 6-1/8" hole to 12,800'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

District Production Supt. DATE May 28, 1968

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 31 1968

*See Instructions On Reverse Side

J L GORDON
ACTING DISTRICT ENGINEER

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.